

IN THE CLAIMS:

The following is a complete listing of the claims in this application, and supersedes and replaces all earlier versions and all earlier listings.

8. 1. (Cancelled)

2. (Currently Amended) A response apparatus according to claim + 19, wherein said response ~~information~~ text preparation means prepares said response ~~information~~ text in a form corresponding to a medium at a response addressee.

3. (Currently Amended) A response apparatus according to claim + 19, further comprising: definition information storage means for storing definition information that defines a response content for a status, wherein said response content determination means determines a response content by referring to said definition information storage means.

4. (Currently Amended) A response apparatus according to claim + 19, wherein said status acquired by said status acquisition means indicates there are a plurality of statuses that occur at the same time.

5. (Currently Amended) A response apparatus according to claim + 19, wherein said response content preparation means includes response content information

preparation data storage means for storing fixed information for each portion of a content that is prepared, and employs said fixed information to prepare a response content.

6. (Currently Amended) A response apparatus according to claim + 19, wherein said response content preparation means includes response content preparation rule storage means for storing a response content preparation rule, and employs said response content preparation rule to prepare a response content.

7. (Currently Amended) A response apparatus according to claim + 19, wherein said response ~~information~~ text preparation means includes:

text preparation means for preparing text that serves as part of said response ~~information~~ text; and

additional sentence preparation means for preparing ~~an~~ the opening sentence or a closing ~~sentence~~ phrase.

8. (Currently Amended) A response apparatus according to claim + 19, wherein said response ~~information~~ text output means transmits said response ~~information~~ text using electronic mail.

9. (Currently Amended) A response apparatus according to claim 8, wherein said response ~~information~~ text output means includes addition means for adding an electronic mail header or an electronic mail footer to the response ~~information~~ text prepared by said response ~~information~~ text preparation means.

10. (Currently Amended) A-response apparatus according to claim + 19, wherein said response ~~information~~ text output means outputs the response ~~information~~ text to a telephone.

11. (Currently Amended) A response apparatus according to claim + 10, wherein ~~said~~ the telephone is a portable telephone.

12. (Currently Amended) A response apparatus according to claim 10, wherein said response ~~information~~ text output means transmits the response ~~information~~ text to a management system.

13. (Currently Amended) A response apparatus according to claim 12, wherein ~~said~~ the management system is a database management system.

14. (Currently Amended) A response apparatus according to claim 12, wherein ~~said~~ the management system is a file management system.

15. (Currently Amended) A response apparatus according to claim + 19, wherein said response ~~information~~ text output means transmits the response ~~information~~ text using a home page.

16. (Currently Amended) A response apparatus according to claim + 19, wherein said response ~~information~~ text output means outputs the response ~~information~~ text using sound.

17. (Currently Amended) A response apparatus according to claim + 19, wherein said response ~~information~~ text output means outputs the response ~~information~~ text to a pocket bell.

18. (Currently Amended) A response apparatus according to claim + 19, wherein said response ~~information~~ text output means outputs the response ~~information~~ text to a facsimile machine.

19. (Currently Amended) A response apparatus comprising:
status acquisition means for acquiring a status of a machine to be checked;
discrimination means for discriminating a type of an error indicated by the
acquired status;

response addressee determination means for determining a response
addressee depending upon the discriminated type of the error;

response medium determination means for determining a response medium
based on the discriminated type of the error;

response message determination means for determining a response message
in accordance with the discriminated type of the error;

response ~~information~~ text preparation means for preparing response ~~information including text by appending an opening or closing phrase that is characteristic text of the determined response medium to~~ the determined response message in a text form corresponding to the determined response medium; and

response ~~information~~ text output means for outputting said the prepared response ~~information~~ text to said determined response addressee using the determined response medium.

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20. (Original) A response apparatus according to claim 19, wherein said response procedure determination means selects a response procedure from a plurality of available response procedures.

21. (Original) A response apparatus according to claim 19, wherein said response procedure determination means determines a response procedure in consonance with the degree of importance of said status.

22. (Original) A response apparatus according to claim 19, wherein said response procedure determination means determines whether or not a response is to be transmitted.

23. (Original) A response apparatus according to claim 19, wherein said response procedure determination means determines a response content.

24. (Original) A response apparatus according to claim 19, wherein said response procedure determination means designates a response medium.

25. (Cancelled)

26. (Original) A response apparatus according to claim 19, wherein said response procedure determination means designates a response timing.

27. (Original) A response apparatus according to claim 19, wherein said response procedure determination means designates a language type.

28. (Original) A response apparatus according to claim 19, wherein said response procedure determination means determines the degree of detail in an explanation.

29. (Original) A response apparatus according to claim 19, wherein said response procedure determination means determines a condition for transmission of a response.

30. (Original) A response apparatus according to claim 19, wherein said response procedure determination means determines a re-response procedure.

31. (Original) A response apparatus according to claim 19, wherein said response procedure determination means determines the number of re-responses.

32. (Currently Amended) A response apparatus according to claim 19, further comprising: definition information storage means for storing definition information that defines a response procedure for a status, wherein said response procedure determination means determines a response procedure by referring to said definition information storage means.

33. (Original) A response apparatus according to claim 32, wherein status data in said definition information indicate a single status.

34. (Original) A response apparatus according to claim 32, wherein status data in said definition information also include a combination composed of a plurality of statuses.

35. (Original) A response apparatus according to claim 32, wherein status data in said definition information also include a status that changes as time elapses.

36. (Original) A response apparatus according to claim 32, wherein statuses in said definition information also include a plurality of statuses that occur at the same time.

37. (Original) A response apparatus according to claim 19, further comprising response procedure designation means for designating a response procedure for each status, wherein, in consonance with said acquired status, said response procedure

selection means selects a response procedure designated by said response procedure designation means.

38. (Currently Amended) A response apparatus comprising:

response procedure determination means for determining a response procedure including a response addressee and a response medium;

response information preparation means for preparing response information in accordance with the determined response procedure;

response information output means for outputting the prepared response information to the determined response addressee using the determined response medium;

response result determination means for determining whether or not a response has failed as a result of outputting the response information; and

re-response control means for, when said response result determination means ascertains that said response has failed, permitting said response procedure determination means to determine a re-response procedure so that a response addressee or a response medium is ~~different between~~ of the re-response procedure ~~and is different from~~ that of the determined response procedure leading to the failed response, permitting said response information preparation means to prepare re-response information in accordance with the re-response procedures, and permitting said response information output means to output the re-response information.

39. (Original) A response apparatus according to claim 38, further comprising status acquisition means for acquiring a status, wherein said response

procedure determination means determines a response procedure in consonance with said status that is acquired.

40. (Original) A response apparatus according to claim 38, wherein said response procedure determination means selects a response procedure from a plurality of available response procedures.

41. (Original) A response apparatus according to claim 38, wherein said response result determination means employs a status after said response information has been output to determine whether or not a response has failed.

42. (Original) A response apparatus according to claim 41, wherein said status after said response information has been output is a status obtained when a predetermined time has elapsed following output of said response information.

43. (Cancelled)

44. (Currently Amended) A response apparatus comprising:
response procedure determination means for determining a response procedure including a response addressee and a response medium;
response information preparation means for preparing response information in accordance with the determined response procedures;

response information output means for outputting the prepared response information to the determined response addressee using the determined response medium;

response addressee status acquisition means for acquiring a status for the determined response addressee;

determination means for employing the status for the determined response addressee that is acquired by said response addressee status acquisition means to determine whether or not a person at the determined response addressee can manage the response; and

8, re-response control means for, when said determination means determines that said person cannot manage the response, permitting said response procedure determination means to determine a re-response procedure so that a re-response addressee or a re-response medium ~~is different between~~ of the re-response procedure ~~and is different from that of~~ the determined response procedure leading to the response which could not be managed by said person, permitting said response information preparation means to prepare re-response information in accordance with the re-response procedure, and permitting said response information output means to output the re-response information in accordance with the re-response procedure.

45. (Original) A response apparatus according to claim 44, further comprising status acquisition means for acquiring a status, wherein said response procedure determination means determines a response procedure in consonance with said status that is acquired.

46. (Original) A response apparatus according to claim 44, wherein said response procedure determination means selects a response procedure from a plurality of available response procedures.

47. (Original) A response apparatus according to claim 44, wherein, after said response information has been output, said determination means employs a reply from said response addressee to determine whether or not said response addressee is capable of handling a response.

Ε,
48. (Original) A response apparatus according to claim 47, wherein, in consonance with whether said reply is transmitted within a predetermined period of time after said response information has been output, said determination means determines whether or not said response addressee is capable of handling a response.

49. (Original) A response apparatus according to claim 47, wherein, in consonance with whether or not the effect ability to cope with a response is described in said reply, said determination means determines whether or not said response addressee is capable of handling a response.

50. (Cancelled)

51. (Original) A response apparatus according to claim 44, wherein said determination means performs a determination before transmission of a response to a response addressee that is an object for said determination.

52. (Cancelled)

53. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in ~~at~~ said response information preparation step, the ~~said~~ response information is prepared in a form corresponding to a medium at a response addressee.

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54. (Currently Amended) A response method according to claim ~~52~~ 70, further comprising the step of storing definition information that defines a response content for a status, wherein, in ~~at~~ said response content determination step, a response content is determined by referring to ~~said~~ the definition information.

55. (Currently Amended) A response method according to claim ~~52~~ 70, wherein ~~said~~ the status acquired in ~~at~~ said status acquisition step indicates there are a plurality of statuses that occur at the same time.

56. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in ~~at~~ response content preparation step, response content information preparation data storage means is referred to in which is stored fixed information for each portion of a

content that is prepared, and ~~said~~ the fixed information is employed to prepare a response content.

57. (Currently Amended) A response method according to claim 52 70, wherein, in ~~at~~ said response content preparation step, response content preparation rule storage means is referred to in which is stored a response content preparation rule, and ~~said~~ the response content preparation rule is employed to prepare a response content.

58. (Currently Amended) A response method according to claim 52 70, wherein said response information preparation step includes:

81 a text preparation step₁ of preparing text of ~~said~~ the response information;

and

an additional sentence preparation step₂ of preparing ~~an~~ the opening sentence or a closing sentence phrase.

59. (Currently Amended) A response method according to claim 52 70, wherein, in ~~at~~ said response information output step, the ~~said~~ response information is transmitted using electronic mail.

60. (Currently Amended) A response method according to claim 59, wherein said response information output step includes an addition step₁ of adding an electronic mail header or an electronic mail footer to response information prepared in ~~at~~ said response information preparation step.

61. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in at said response information output step, response information is output to a telephone.

62. (Currently Amended) A response method according to claim 61, wherein ~~said~~ the telephone is a portable telephone.

63. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in at said response information output step, response information is transmitted to a management system.

64. (Currently Amended) A response method according to claim 63, wherein ~~said~~ the management system is a database management system.

65. (Currently Amended) A response method according to claim 63, wherein ~~said~~ the management system is a file management system.

66. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in at said response information output step, response information is transmitted using a home page.

67. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in at said response information output step, response information is output using sound.

68. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in at said response information output step, response information is output to a pocket bell.

69. (Currently Amended) A response method according to claim ~~52~~ 70, wherein, in at said response information output step, response information is output to a facsimile machine.

70. (Currently Amended) A response method comprising the steps of:
acquiring a status of a machine to be checked;
discriminating a type of an error indicated by the acquired status;
determining a response addressee depending upon the discriminated type of the error;
determining a response medium based on the discriminated type of the error;
determining a response message in accordance with the discriminated type of the error;
preparing response ~~information including~~ text by appending an opening or closing phrase that is characteristic text of the determined response medium to the

determined response message in a text form ~~corresponding to the determined response~~
medium; and

outputting ~~said~~ the prepared response ~~information~~ text to ~~said~~ the
determined response addressee using the determined response medium.

71. (Currently Amended) A response method according to claim 70,
wherein, in at said response procedure determination step, a response procedure is selected
from a plurality of available response procedures.

72. (Currently Amended) A response method according to claim 70,
wherein, in at said response procedure determination step, a response procedure is
determined in consonance with the degree of importance of ~~said~~ the status.

73. (Currently Amended) A response method according to claim 70,
wherein, in at said response procedure determination step, whether or not a response is to
be transmitted is determined.

74. (Currently Amended) A response method according to claim 70,
wherein, in at said response procedure determination step, a response content is designated.

75. (Currently Amended) A response method according to claim 70,
wherein, in at said response procedure determination step, a response medium is
designated.

76. (Cancelled)

77. (Currently Amended) A response method according to claim 70, wherein, in at said response procedure determination step, a response timing is designated.

78. (Currently Amended) A response method according to claim 70, wherein, in at said response procedure determination step, a language type is designated.

81 79. (Currently Amended) A response method according to claim 70, wherein, in at said response procedure determination step, the degree of detail in an explanation is determined.

80. (Currently Amended) A response method according to claim 70, wherein, in at said response procedure determination step, a condition for transmission of a response is determined.

81. (Currently Amended) A response method according to claim 70, wherein, in at said response procedure determination step, a re-response procedure is determined.

82. (Currently Amended) A response method according to claim 81, wherein, in at said response procedure determination step, the number of re-responses is determined.

83. (Currently Amended) A response method according to claim 70, further comprising: a definition information storage step₁ of storing definition information that defines a response procedure for a status, wherein, in at said response procedure determination step₁ a response procedure is determined by referring to said definition information storage step.

84. (Currently Amended) A response method according to claim 83, wherein status data in ~~said~~ the definition information indicate a single status.

85. (Currently Amended) A response method according to claim 83, wherein status data in ~~said~~ the definition information also include a combination composed of a plurality of statuses.

86. (Currently Amended) A response method according to claim 83, wherein status data in ~~said~~ the definition information also include a status that changes as time elapses.

87. (Currently Amended) A response method according to claim 83, wherein statuses in ~~said~~ the definition information also include a plurality of statuses that occur at the same time.

88. (Currently Amended) A response method according to claim 70, further comprising a response procedure designation step₁ of designating a response

procedure for each status, wherein, in consonance with ~~said the~~ the acquired status, in at said response procedure selection step, a response procedure is selected that has been designated in at said response procedure designation step.

89. (Currently Amended) A response method comprising the steps of:

determining a response procedure including a response addressee and a response medium;

preparing response information in accordance with the determined response procedure;

outputting the prepared response information to the determined response addressee using the determined response medium;

determining whether or not a response has failed as a result of outputting the response information; and

determining, when it is ascertained in at said response result determination step that ~~said the~~ the response has failed, a re-response procedure so that a re-response addressee or a re-response medium ~~is different between~~ of the re-response procedure ~~and is different from that of~~ the determined response procedure leading to the failed response, preparing re-response information in at said response information preparation step in accordance with the re-response procedure, and outputting the re-response information in at said response information output step.

90. (Currently Amended) A response method according to claim 89, further comprising a status acquisition step, of acquiring a status, wherein, in at said

response procedure determination step, a response procedure is determined in consonance with ~~said~~ the status that is acquired.

91. (Currently Amended) A response method according to claim 89, wherein, in ~~at~~ said response procedure determination step, a response procedure is selected from a plurality of available response procedures.

92. (Currently Amended) A response method according to claim 89, wherein, in ~~at~~ said response result determination step, a status after ~~said~~ the response information has been output is employed to determine whether or not a response has failed.

93. (Currently Amended) A response method according to claim 92, wherein ~~said~~ the status after ~~said~~ the response information has been output is a status obtained when a predetermined time has elapsed following output of ~~said~~ the response information.

94. (Cancelled)

95. (Currently Amended) A response method comprising the steps of:
determining a response procedure;
preparing response information in accordance with the determined response procedure including a response addressee and a response medium;

outputting the prepared response information to the determined response addressee using the determined response medium;

acquiring a status for the determined response addressee;

employing the status for the determined response addressee that is acquired at in said response addressee status acquisition step to determine whether or not a person at the determined response addressee can manage the response; and

determining, when it is ascertained in at said determination step that ~~said the~~ person cannot manage the response, a re-response procedure so that a re-response addressee or a re-response medium ~~is different between~~ of the re-response procedure ~~and is different from that of~~ the determined response procedure leading to the response which could not be managed by said person in at said response procedure determination step, preparing re-response information in at said response information preparation step in accordance with the re-response procedure, and outputting the re-response information in at said response information output step in accordance with the re-response procedure.

96. (Currently Amended) A response method according to claim 95, further comprising a status acquisition step, of acquiring a status, wherein, in at said response procedure determination step, a response procedure is determined in consonance with ~~said the~~ status that is acquired.

97. (Currently Amended) A response method according to claim 95, wherein, in at said response procedure determination step, a response procedure is selected from a plurality of available response procedures.

98. (Currently Amended) A response method according to claim 95, wherein, in at said determination step, after ~~said~~ the response information has been output, a reply from ~~said~~ the response addressee is employed to determine whether or not ~~said~~ the response addressee is capable of handling a response.

99. (Currently Amended) A response method according to claim 98, wherein, in at said determination step, whether or not ~~said~~ the response addressee is capable of handling a response is determined in consonance with whether ~~said~~ the reply is transmitted within a predetermined period of time after ~~said~~ the response information has been output.

81 100. (Currently Amended) A response method according to claim 98, wherein, in at said determination step, whether or not ~~said~~ the response addressee is capable of handling a response is determined in consonance with whether or not the effect ability to cope with a response is described in ~~said~~ the reply.

101. (Cancelled)

102. (Original) A response method according to claim 95, wherein said determination is performed before transmission of a response to a response addressee that is an object for said determination.

103. (Cancelled)

104. (Currently Amended) A computer-readable storage medium in which is stored a response program for controlling a computer to transmit a response, said program comprising codes for enabling said computer to perform the steps of:

acquiring a status of a machine to be checked;

discriminating a type of an error indicated by the acquired status;

determining a response addressee depending upon the discriminated type of the error;

determining a response medium based on the discriminated type of the error;

determining a response message in accordance with the discriminated type of the error;

preparing response ~~information including text by appending an opening or closing phrase that is characteristic text of the determined response medium to the~~ determined response message in a text form corresponding to the determined response medium; and

outputting ~~said the prepared response information text to said the~~ determined response addressee in accordance with the determined response procedure.

105. (Currently Amended) A computer-readable storage medium in which is stored a response program for controlling a computer to transmit a response, said program comprising codes for enabling said computer to perform the steps of:

determining a response procedure including a response addressee and a response medium;

preparing response information in accordance with the determined response procedure;

outputting the prepared response information to the determined response addressee using the determined response medium;

determining whether or not a response has failed as a result of outputting the response information; and

8, determining, when it is ascertained in at said response result determination step that ~~said~~ the response has failed, a re-response procedure so that a re-response addressee or a re-response medium is ~~different between~~ of the re-response procedure ~~and is different from that of~~ the determined response procedure leading to the failed response in said at response procedure determination ~~means~~ step, preparing re-response information in at said response information preparation step in accordance with the re-response procedure, and outputting the re-response information in at said response information output step.

106. (Currently Amended) A computer-readable storage medium in which is stored a response program for controlling a computer to transmit a response, said program comprising codes for enabling said computer to perform the steps of:

determining a response procedure including a response addressee and a response medium;

preparing response information in accordance with the determined response procedure;

outputting the prepared response information to the determined response addressee using the determined response medium;

acquiring a status for the determined response addressee;

employing the status for the determined response addressee that is acquired in at said response addressee status acquisition step to determine whether or not a person at the determined response addressee can manage the response; and

8, determining, when it is ascertained in at said determination step that ~~said~~ the person cannot manage the response, a re-response procedure so that a re-response addressee or a re-response medium ~~is different between~~ of the re-response procedure ~~and is~~ different from that of the determined response procedure leading to the response which could not be managed by ~~said~~ the person in at said response procedure determination step, preparing re-response information in at said response information preparation step in accordance with the re-response procedure, and outputting the re-response information in at said response information output step in accordance with the re-response procedure.
